

**TRAFFIC COMMITTEE MEETING**  
**APRIL 16, 2003 - 7:30 P.M.**  
**LOWER LEVEL CONFERENCE ROOM**  
**TROY CITY HALL**  
**500 W. BIG BEAVER ROAD**

1. Roll Call
  2. Minutes – March 19, 2003
  3. Remove NO TURN ON RED 7-8 a.m. Prohibition at Coolidge and Long Lake.  
Requested by Mr. Howard Toben, 3437 Balfour
  4. Install STOP or YIELD Sign on Lamb at Willow Creek  
Requested by Ann O'Neill, 4250 Willow Creek 48095
  5. Establish Fire Lanes at 5600 Crooks Road  
Requested by Troy Fire Department
  6. Establish Fire Lanes at 1152 East Long Lake Road  
Requested by Troy Fire Department
  7. Visitors' Time
  8. Other Business
  9. Adjourn
- cc: Traffic Committee Members, Including Ex-Officio Members  
Gary A. Shripka, Assistant City Manager/Services  
Steven Vandette, City Engineer  
Captain Dane Slater, Police Department  
Lt. Robert Rossman, Traffic Safety Unit  
Lt. Robert Matlick, Fire Department  
Lori Grigg Bluhm, City Attorney  
John K. Abraham, Traffic Engineer
- cc: Appropriate Sections to Interested Citizens:
3. Residents within 300 feet of Coolidge and Long Lake  
Barbara Fowler, Troy School District, 4400 Livernois, 48098  
Howard Toben, 3437 Balfour, 48084
  4. Residents within 300 feet of the Lamb/Willow Creek Intersection
  5. Hayman Company, 5700 Crooks Rd., Troy, MI 48098
  6. Thomas A. Saracino, 1235 N. Main St., Rochester, MI 48307-1119

## **TRAFFIC COMMITTEE**

### **MESSAGE TO VISITORS, DELEGATIONS AND CITIZENS**

The Traffic Committee is composed of seven Troy citizens who have volunteered their time to the City to be involved in traffic and safety concerns. The stated role of this Committee is:

- a. To give first hearing to citizens' requests and obtain their input.
- b. To make recommendations to the City Council based on technical considerations, traffic surveys, established standards, and evaluation of citizen input.
- c. To identify hazardous locations and recommend improvements to reduce the potential for traffic accidents.

Final decisions on sidewalk waivers will be made by the Committee at this meeting.

The recommendations and conclusions arrived at **on regular items** this evening will be forwarded to the City Council for their final action. Any citizen can discuss these recommendations before City Council. The items discussed at the Traffic Committee meeting will be placed on the City Council Agenda by the City Manager. The earliest date these items might be considered by City Council would normally be 10 days to 2 weeks from the Traffic Committee meeting. **If you are interested, you may wish to contact the City Manager's Office in order to determine when a particular item is on the Agenda.**

Persons wishing to speak before this Committee should attempt to hold their remarks to no more than 5 minutes. Please try to keep your remarks relevant to the subject at hand. Please speak only when recognized by the Chair. These comments are made to keep this meeting moving along. Anyone wishing to be heard will be heard; we are here to listen and help in solving or resolving your particular concerns.

**AGENDA EXPLANATION**  
**TRAFFIC COMMITTEE MEETING**

**APRIL 16, 2003**

1. **Roll Call**
2. **Minutes – March 19, 2003**
3. **Remove NO TURN ON RED 7-8 a.m. Prohibition at Coolidge and Long Lake.**

Mr. Howard Toben of 3437 Balfour requests that the above-mentioned turn restriction be removed. Mr. Toben indicated that in the mornings between 7:15 and 7:45 the right turn lane is full of vehicles that are waiting to make right turns, and at times the right-turn vehicles overflow into the through lanes on northbound Coolidge, causing congestion on northbound Coolidge for everybody. Mr. Toben requested a study to determine prohibiting right turns on red between 7 and 8 a.m. is necessary.

The NTOR signs were installed in early 1994 as a result of requests from the Troy High School. At that time, the major access to the school was from Long Lake Road and making left turns from westbound Long Lake into the school driveway was difficult due to very few gaps in traffic.

A study in 1994 also revealed that 82% of all right turn traffic on northbound Coolidge made a right turn on red, thus creating continuous flow of traffic on Long Lake Road in front of the high school. Subsequently, the restrictions were placed on Coolidge and were found to help the high school traffic during arrival time.

Today, the high school traffic is controlled by a traffic signal at the high school drive and Long Lake Road. A study of traffic on northbound Coolidge between 7:15 and 7:45 a.m. was also performed, and it was found that in the 30-minute period, 230 vehicles made a right turn. During the same period, there were seven occasions when more than 30 vehicles were waiting to make right turns. There was heavy congestion on northbound Coolidge between 7:30 and 7:45 when all lanes were moving very slowly approaching the intersection. Allowing right turns on red can ease some of this congestion. The approach was also studied to find if the following warrants for NTOR are met. NO RIGHT TURN ON RED (NRTOR) signs are normally installed if one or more of the following conditions exist:

1. Sight distance to vehicles approaching from the left is inadequate.
2. The intersection area has geometric or operational characteristics which may result in unexpected conflicts.
3. There is an exclusive pedestrian phase.
4. Significant pedestrian conflicts are resulting from RTOR maneuvers.

5. More than 3 RTOR traffic crashes per year.
6. There is significant crossing activity by children, elderly or physically challenged people.

None of the warrants were met for the northbound Coolidge approach.

**SUGGESTED RESOLUTION:**

- a. Recommend removal of the NO TURN ON RED sign at northbound Coolidge at Long Lake Road.
- b. Recommend no changes.

**4. Install STOP or YIELD Sign on Lamb at Willow Creek**

Ann O'Neill, 4250 Willow Creek, requests traffic control on Lamb at Willow Creek. She indicates that Lamb is being used as a cut-through between Rochester and John R, and vehicles are speeding through the area. She feels STOP or YIELD signs on Lamb may slow traffic. Given the configuration, the request will be to install 3-way STOP signs at the intersection.

Willow Creek carries around 320 vehicles in a day while Lamb carries around 1300 vehicles in a day. Average traffic volumes on Troy residential roads vary between 300 and 5000 vehicles per day.

Traffic counts indicated that the peak morning time for Lamb east of Willow Creek was between 7:45-8:00 a.m., with 41 vehicles. The afternoon peak was 5:30-5:45, with 40 vehicles.

A sight distance study was performed for the intersection and no significant sight obstructions were observed.

Installation of a multi-way STOP would be warranted under one of the following conditions as per the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

- a. Where traffic signals are warranted and urgently needed, the multi-way STOP is an interim measure that can be installed quickly to control traffic while arrangements are being made for traffic signal installation.
- b. An accident problem as indicated by five or more reported accidents of the type susceptible of correction by a multi-way STOP during a 12-month period. Such accidents include right and left turn collisions.
- c. Minimum Traffic Volume – The total vehicular volume entering the intersection from all approaches must average at least 500 vehicles per hour for any eight hours of an average day.

None of the above warrants were met for the intersection.

Mrs. O'Neill was mailed a brochure of the City's Neighborhood Traffic Harmonization Program. If there is enough support from the neighborhood, this program can be implemented in the neighborhood.

**SUGGESTED RESOLUTION:**

- a. Recommend that 3-way STOP signs be installed at the intersection of Lamb and Willow Creek.
- b. Recommend no changes.

**5. Establish Fire Lanes at 5600 Crooks Road**

Section 8.28, Chapter 106, Troy City Code, provides for the establishment of fire lanes on private property. The Fire Department recommends that the fire lanes shown on the attached sketch be provided to allow proper deployment of and travel by emergency vehicles (fire, police, medical).

**SUGGESTED RESOLUTION:**

Recommend that the fire lanes/tow away zones shown in the attached sketch be established at 5600 Crooks Road.

**6. Establish Fire Lanes at 1152 East Long Lake Road**

Section 8.28, Chapter 106, Troy City Code, provides for the establishment of fire lanes on private property. The Fire Department recommends that the fire lanes shown on the attached sketch be provided to allow proper deployment of and travel by emergency vehicles (fire, police, medical).

**SUGGESTED RESOLUTION:**

Recommend that the fire lanes/tow away zones shown in the attached sketch be established at 1152 East Long Lake Road.

**7. Visitors' Time**

**8. Other Business**

Items not on the agenda which Traffic Committee members may wish to discuss.

**9. Adjourn**

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